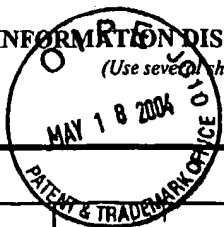


INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



Docket Number (Optional)

51764/12

Application Number

10/759,626

Applicant(s)

Jacob H. Gunther

Filing Date

January 16, 2004

Group Art Unit

2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	A1	2002/0191779 A1	12/19/02	Pham	379	406.08	03/23/01
	A2	2002/0181699 A1	12/05/02	Pham et al.	379	406.08	03/23/01
	A3	2002/0114445 A1	08/22/02	Benesty et al.	379	406.01	12/05/00
	A4	6,516,050 B1	02/04/03	Tasaki et al.	379	3	10/25/00
	A5	6,507,653 B1	01/14/03	Romesburg	379	406.05	04/14/00
	A6	6,434,110 B1	08/13/02	Hemkumar	370	201	03/20/98
	A7	6,272,106 B1	08/07/01	Kawahara et al.	370	201	05/02/95
	A8	6,181,794 B1	01/30/01	Park et al.	379	410	10/07/97
	A9	5,764,753	06/09/98	McCaslin et al.	379	389	09/29/95
	A10	5,390,250	02/14/95	Janse et al.	379	410	12/17/91
JH	A11	5,295,136	03/15/94	Ashley et al.	370	32.1	04/13/92

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JH	B1	Schobben et al., "A Frequency Domain Blind Signal Separation Method Based on Decorrelation," IEEE Transactions on Signal Processing, Vol. 50, No. 8, August 2002, pgs. 1855-1865.
JH	B2	Torkkola, Kari, "Blind Deconvolution, Information Maximization and Recursive Filters," Motorola, Phoenix Corporate Research Laboratories, 2100 East Elliot Road, MD EL508, Tempe, AZ 85284, USA, 4 pgs.

EXAMINER

Tiffany Howard

DATE CONSIDERED

9/30/2004

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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GROUP
2681

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JH	A12	4,712,235	12/08/87	Jones, Jr.	379	410	11/19/84
JH	A13	4,268,727	05/19/81	Agrawal et al.	179	170.2	03/14/79
JH	A14	4,131,767	12/26/78	Weinstein	179	170.2	02/22/78
JH	A15	Re. 35,574	07/29/97	Russell et al.	380	6	05/23/95

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

JH	B3	Torkkola, Kari, "IIR Filters for Blind Deconvolution using Information Maximization," Motorola, Phoenix Corporate Research Laboratories, 2100 East Elliot Road, MD EL508, Tempe, AZ 85284, USA, 14 pgs.
JH	B4	Feder, et al., "Maximum Likelihood Noise Cancellation Using the EM Algorithm," IEEE Transactions on Acoustics, Speech, and Signal Processing, Vol. 37, No. 2, February 1989, pgs. 204-216.

EXAMINER Taffey Harold DATE CONSIDERED 9/30/02

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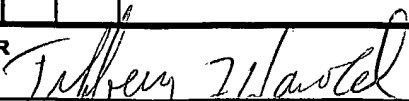
U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	B5	Glentis, et al., "A Unified View - Efficient Least Squares Adaptive Algorithms for FIR Transversal Filtering," IEEE Signal Processing Magazine, July 1999, pgs. 13-41.
	B6	Breining, et al., "Acoustic Echo Control - An Application of Very-High-Order Adaptive Filters," IEEE Signal Processing Magazine, July 1999, pgs. 42-69.
EXAMINER		
DATE CONSIDERED		September 30, 2004

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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51764/12

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10/759,626

Jacob H. Gunther

FILING
January 16, 2004

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2681


U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	B7	"Echo Cancellation Filter" parent patent application and drawings, Inventor Jacob H. Gunther, filed 7/9/03, pgs. 1-31.

EXAMINER

Tiffany Howard

DATE CONSIDERED

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